



# Chicago Pneumatic



## Applications

Chicago Pneumatic's sump pumps are suitable for removing water or similar relatively clean fluids from trenches, ditches, manholes or industrial sumps and excavations.

The pumps should not be used to pump flammable liquids.

## General information

The sump pumps are of the centrifugal type, pumping fluid by means of an air driven impeller. The pump should be immersed in the liquid to be pumped. The liquid will leave the pump through the outlet port.

These pumps are designed for high performance and durability.

Both models will pump down to within only 7/8" (22 mm) from the base. They require no priming and can be run continuously, or even run dry, without overheating. They can be totally submerged, using a non-return valve on the exhaust pipe or an extended pipe ending above the level of the liquid.

The pumps can be used in places where abuse and rough use are inevitable or acceptable in terms of increase in productivity. They are relatively small in size with a very large capacity and thus can be used in confined spaces.

		CP 0010	CP 0020
Power	kW	2,2	2,9
Weight	kg	19,5	30,5
Min opening needed	mm	210x230	230x240
Min water depth	mm	22	22
Max suction lift	m	-	-
Max head	m	30,5	27,4
Air consumption	l/s	47	51
Air inlet	inch	3/4" NPT	3/4" NPT
Air outlet	inch	1" NPT	1 1/4" NPT
Discharge inlet	inch	-	-
Discharge outlet	inch	(2" NPT)	2 1/2" BSP
Max solid content		-	-
Sound power level guaranteed (2000/14/EC) <sup>1)</sup>	dB(A)	122	122
Sound pressure level (ISO 11203) <sup>1)</sup>	dB(A)	109	109
Sound power uncertainty value K	dB(A)	2,5	2,5
Recommended air supply hose size	mm	19	25
Part number		T022224	T022185

(at 6 bar)

<sup>1)</sup> Important: Full details of measurement are available in the Safety and Operating Instructions of the product (part no 9800 0552 90 (CP 0010) and 9800 1056 90 (CP 0020)). It can be found on [www.cprintshop.com](http://www.cprintshop.com)

## Key features

- Cast-iron housing
- Bronze impeller
- Direct driven single stage centrifugal unit driven by powerful vane motor
- Integral oiler provides continuous lubrication
- Integral strainer, air inlet valve
- Double seals protect bearings and motor from water and mud
- No damage running without load
- Long life/low maintenance
- Extremely durable
- Safe to use in most environments

## Users

Utilities, Local authorities, Construction contractors, Industries using sumps, Shipping lines, Ship yards, Water boards, Chemical industries and many others.

High-performance products. Designed for you!

# Sump Pump